

Title	Demonstrate knowledge of forestry earthworks		
Level	3	Credits	4

Purpose	People credited with this unit standard are able to demonstrate knowledge of forestry earthworks.
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Classification	Infrastructure Works > Infrastructure Works Utilities
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Available grade	Achieved
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Explanatory notes

The following legislation and guidelines must be complied with: Resource Management Act 1991; *Best Practice Guidelines for Road and Landing Construction*, current edition, FITEC, available at: <http://www.competenz.org.nz/industry/forestry/>.

Outcomes and evidence requirements

Outcome 1

Demonstrate knowledge of forestry earthworks.

Evidence requirements

- 1.1 Forestry arterial roads, secondary roads, stub roads, tracks, and landings are described in terms of uses and planned life.
- 1.2 Forestry stub roads, tracks, and landings are described in terms of construction stages and processes.
- Range includes but is not limited to – side cast, end haul, benching, batter slope, cut area, fill area, compaction, salvage, slash; construction includes – original construction; may include maintenance and upgrade.
- 1.3 Water and sediment controls are described in terms of the construction of forestry stub roads, tracks, and landings.
- Range may include but is not limited to – bund, water table, cut-off, flume, culvert, soak hole, silt trap.

- 1.4 Additional activities that forestry earthworks construction workers may become involved in are described in terms of purpose and procedures.

Range deadman installation, harvest support, forestry access, slash control.

Planned review date	31 December 2019
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Status information and last date for assessment for superseded versions

Process	Version	Date	Last Date for Assessment
Registration	1	23 November 2003	31 December 2014
Review	2	17 September 2010	31 December 2016
Review	3	19 February 2015	N/A

Consent and Moderation Requirements (CMR) reference	0101
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This AMAP can be accessed at <http://www.nzqa.govt.nz/framework/search/index.do>.

Please note

Providers must be granted consent to assess against standards (accredited) by NZQA, or an inter-institutional body with delegated authority for quality assurance, before they can report credits from assessment against unit standards or deliver courses of study leading to that assessment.

Industry Training Organisations must be granted consent to assess against standards by NZQA before they can register credits from assessment against unit standards.

Providers and Industry Training Organisations, which have been granted consent and which are assessing against unit standards must engage with the moderation system that applies to those standards.

Consent requirements and an outline of the moderation system that applies to this standard are outlined in the Consent and Moderation Requirements (CMR). The CMR also includes useful information about special requirements for organisations wishing to develop education and training programmes, such as minimum qualifications for tutors and assessors, and special resource requirements.

Comments on this unit standard

Please contact the Infrastructure ITO qualifications@infrastructureito.org.nz if you wish to suggest changes to the content of this unit standard.